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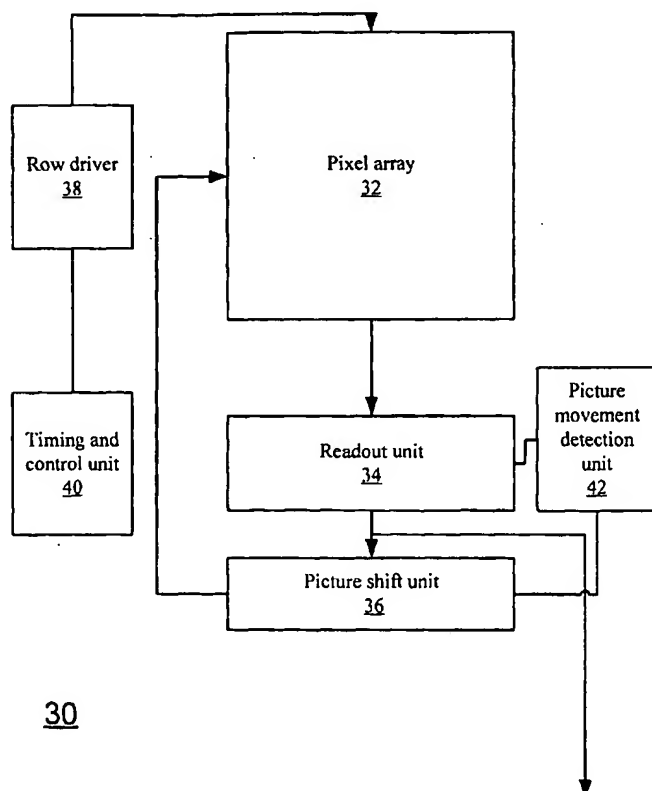
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(54) Title: METHOD AND APPARATUS FOR CAMERA SHAKE COMPENSATION



(57) Abstract: The invention provides a method for providing an image, the method includes: exposing a first group of pixels located at a first location to light, during an intermediate exposure period, to provide analog signals representative of the light; and transferring the analog signals to a second group of pixels located at a second location; whereas a relationship between the first and second locations is responsive to an estimated inter-image shift; then further exposure of the second group of pixels etc.. The invention provides an apparatus for camera shake compensation, the apparatus includes: (i) a two dimensional array pixels, whereas multiple pixels of the array are adapted to receive light during an intermediate exposure period, and in response to provide analog signals representative of the light; and are further adapted to alter their condition in response to a reception of a right-back signals representative of previously received light; (ii) an analog memory, adapted to receive and store analog signals representative of light received a first group of pixels within the pixel array; and (iii) a write back circuitry, adapted to write back stored analog signals received from the first group to a second group of pixels located at a second location; whereas a relationship between the first and second locations is responsive to an estimated inter-image shift.

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